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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: W. McKinzie

Serial No.: 10/796,398

Conf. No.: 9029

Cust. No.: 33123

Filed: March 8, 2004

For: SYSTEMS AND METHODS FOR
BLOCKING MICROWAVE
PROPAGATION IN PARALLEL
PLATE STRUCTURES

Art Unit: 2817

Examiner: Seungsook Ham



CERTIFICATE OF MAILING PURSUANT TO 37 CFR 1.8

I hereby certify that this correspondence and the attached papers are being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated below in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450, on

12-12-05
Date

Jennifer Vail
Signature

INFORMATION DISCLOSURE STATEMENT
IN ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§ 1.97-1.98. Form PTO/SB/08 (4 pages) and a copy of the cited non patent literature is provided herewith in connection with the above-captioned application. The cited references that comprise issued U.S. patents are not attached, per the Notice of waiver published in the Official Gazette on August 5, 2003.

The documents listed on the attached Form PTO/SB/08 include communications from a foreign patent office in connection with a counterpart foreign application. Copies of the communications, International Search Report for International PCT Application PCT/US05/13235 and International Search Report for International PCT Application PCT/US05/06785, are also provided. All documents listed on the attached Form PTO/SB/08 are in the English language, hence, in

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Information Disclosure Statement
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accordance with the requirements of 37 C.F.R. § 1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Although these documents and information are made known to the Patent and Trademark Office in compliance with Applicants' duty of disclosure, such disclosure is not to be construed as an admission by Applicants or Applicants' representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(b) exists.

Applicants respectfully request that the Examiner review the foregoing references and request that they be made of record in the file history of the above-captioned application.

A check in the amount of \$180.00 is enclosed as required under 37 CFR 1.17(p). The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
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Substitute for form 1449 PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

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|------------------------|---------------|
| Application Number | 10/796,398 |
| Filing Date | 03/08/2004 |
| First Named Inventor | W. McKinzie |
| Art Unit | 2817 |
| Examiner Name | Seungsook Ham |
| Attorney Docket Number | 42372-0004 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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Sheet

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| Examiner Name | Seungsook Ham |
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| | | | First Named Inventor | W. McKinzie | |
| | | | Art Unit | 2817 | |
| | | | Examiner Name | Seungsook Ham | |
| Sheet | 3 | of | 4 | Attorney Docket Number | 42372-0004 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | AI | International Search Report dated April 19, 2005, for International Application No. PCT/US05/13235. | |
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| Examiner Signature | Date Considered |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | AO | Kamgaing et al., "A Novel Power Plane with Integrated Simultaneous Switching Noise Mitigation Capability Using High Impedance Surface," IEEE Microwave and Wireless Components Letter, Vol. 13, No. 1, January 2003. | |
| | AP | Kamgaing et al., "Inductance-Enhanced High-Impedance Surfaces for Broadband Simultaneous Switching Noise Mitigation in Power Planes," 2003 IEEE MTT-S Intl. Microwave Symp. Digest, pp. 2165-2168, Philadelphia, PA, June 8-13, 2003. | |
| | AQ | Kamgaing et al., "Development and Application to Physics-based Compact Models for High-Impedance Electromagnetic Surfaces Integrated in a Power Plane Configuration", IEEE Intl. Antennas and Propagation Symp., Vol. 4, pp. 442-445, Columbus, OH, June 22-27, 2003. | |
| | AR | Lee, Thomas H., "A Vertical Leap for Microchips" Scientific America, p. 9-18, January 2002 | |
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